

What is claimed is:

1. A vascularization therapy comprising the step of:
performing a vascularization treatment which increases the number of newly
5 formed blood vessels of an affected site, the affected site of a peripheral blood vessel
being immersed in carbonated warm water having a carbon dioxide concentration of at
least 700 ppm and a temperature of 33 to 42°C.
2. A vascularization therapy comprising the step of:
performing a vascularization treatment which increases the number of vascular
10 endothelial cells in tissue of an affected site by at least 1.5 times, the affected site of a
peripheral blood vessel being immersed in carbonated warm water having a carbon
dioxide concentration of at least 700 ppm and a temperature of 33 to 42°C.
3. A vascularization therapy that increases the number of endothelial precursor
cells in the peripheral blood at an affected site by at least 1.1 times, comprising the step
15 of performing a vascularization therapy in which the affected site of a peripheral blood
vessel is immersed in carbonated warm water having a carbon dioxide concentration of at
least 700 ppm and a temperature of 33 to 42°C.
4. A vascularization therapy according to any one of claims 1 through 3, wherein
the number of new blood vessels at an affected site is increased by at least one of
20 increasing the tissue blood flow volume by the vasodilation action of carbon
dioxide absorbed percutaneously,
or inducing vascular growth factors by causing the pH of tissue fluid at the
affected site to become locally acidic.
5. A vascularization therapy according to any one of claims 1 through 3, wherein
25 the therapy is performed intermittently at a frequency of once or more every 24 hours,

and the duration of a single immersion is 10 minutes or more.

6. A vascularization therapy according to any one of claims 1 through 3, wherein an antiseptic is dissolved in the carbonated warm water in the step in which the affected site is immersed.

5 7. A vascularization therapy according to any one of claims 1 through 3, wherein the affected site of the peripheral vessel is accompanied by ulceration, and a carbon dioxide-permeable film is applied to the site of ulceration.

8. A vascularization therapy according to any one of claims 1 through 3, wherein the affected site of the peripheral vessel is located in lower extremities, the affected site is
10 accompanied by lower extremity pain, and a site extending at least over the range from the articulation to the affected site is immersed in the carbonated warm water in the immersion step.

9. A vascularization therapy according to any one of claims 1 through 3, wherein one or more steps are performed selected from
15 direct administration of cell growth factor,
introduction of gene that expresses cell growth factor, and
transplantation of bone marrow mononuclear cells.